## ISSUE SLIP STAPLE ARE 4 (for additional cross references)

| POSITION                  | !NITIALS | ID NO. | DATE     |
|---------------------------|----------|--------|----------|
|                           | 7. (2    |        |          |
| FEE DETERMINATION         | HA700~   |        | B-07-0   |
| O.I.P.E. CLASSIFIER       |          | 10     | 10-11-01 |
| FORMALITY REVIEW          | 2        | ga     | 11910    |
| RESPONSE FORMALITY REVIEW | W        | 718    | 1/23/03  |
|                           |          | , -    |          |

## INDEX OF CLAIMS

| Rejected                     | N Non-elected |
|------------------------------|---------------|
| = Allowed                    | IInterference |
| _ (Through numeral) Canceled | AAppeal       |
| ÷ Restricted                 | OObjected     |

|          | ٠            |          |          |        |  |          |     |             |          |        |              |            |      |          |          |          |                |          |          |      |        |             |            |          |            |       |        |            |          |                |          |     |     |      |           |          |          |          |                   |
|----------|--------------|----------|----------|--------|--|----------|-----|-------------|----------|--------|--------------|------------|------|----------|----------|----------|----------------|----------|----------|------|--------|-------------|------------|----------|------------|-------|--------|------------|----------|----------------|----------|-----|-----|------|-----------|----------|----------|----------|-------------------|
| ٦        | Cla          | im       | <u> </u> | Date   |  |          |     |             |          |        |              | Claim Date |      |          |          |          |                |          |          |      |        | Cla         | ılm        |          | ,          | . ,   | 91,369 | Dat        | Date 💮   |                |          |     |     | 4    |           |          |          |          |                   |
|          | Final        | Mginal   | 9/0      |        |  |          |     |             |          | -      |              |            |      | Final    | Original |          |                |          |          |      |        |             |            | • :      |            | , .   | Final  | Original   |          |                |          | *   | 就為  |      | 1. 1.     |          | 1.5      |          |                   |
| Ĺ        | ٤            | ā        | á        | 2      |  |          |     |             | • .      | Ĺ      | Ŀ            | L          |      | 歱        |          |          |                | ·        | _        | _    |        | _           | _          | _        |            |       | ᄪ      |            | -2       | _              | •        | 3.  | -   |      | · ·       | 2.       | 72       | $\dashv$ | · . '             |
| .[       | V            | <u> </u> | ¥        |        |  | ·        |     |             |          | $\Box$ | $oxed{oxed}$ | L          | ٠.   | -        | 51       | $\perp$  |                |          | _        |      | _      | - 1         | _          |          | -          | 1.4   |        | 101        |          | . ب            | *        | 100 | 100 | *    | ń         | 4        |          | _        | ه<br>خد قا        |
| -        |              | .5       | L        |        |  |          |     | Ш           |          |        | L            | L          |      | L        | 52       |          |                |          | $\dashv$ |      |        |             | -          | -        | -21        |       | - (1   | 102        | -        | 1              | ia'      | **  | £., |      | W:3       | 74       | ii<br>V  | 25       | د الهد<br>الدارية |
|          |              | 3        | Ш        | -      |  | ÷        |     |             |          |        | _            | L          |      | L        | 53       | ٠        |                |          | _        |      |        | _           | _          |          | 7.         |       |        | 103        | _        |                | *        | *   | X   | -510 | 7         | 100      |          |          | 3                 |
|          | ì.           | 4        | Ш        | 2      |  |          |     |             |          | _      | _            | ļ          |      | <u> </u> | 54       | _        |                | $\dashv$ | - 5      |      |        |             |            | $\dashv$ |            | 2.29  |        | 104<br>105 |          | -              | - 2      | 1.0 | ·   | 3    | 1         | (S)      | -d       | *        |                   |
| 1        | <u>je</u>    | 5        | 11       |        |  |          |     |             |          |        | _            | ļ          |      | <u> </u> | 55       |          |                | $\vdash$ |          | ,    | -      |             |            | -        | -          |       | H      | 106        |          | _              | **       | *   | *   | 30   | 孤         | 22       | 969      | -        | ٦<br>در           |
| ĭ        | 4            | 8        | Ш        |        |  |          |     |             |          | ٠,     | -            |            |      | -        | 56       |          | -              |          | 7        | -    | -      |             | $\dashv$   |          | 15.0       | -     | 140    | 107        | ****     | 7.74           | 200      | 1   |     | 2    | N.E.      | **       |          |          | 100               |
| è        | 3            | 7        | $\sqcup$ | Ш      |  |          | •   | -           | _        | _      | -            | -          |      | <u> </u> | 57       | $\vdash$ |                |          | -        | -    |        |             | -          | $\dashv$ |            | 4     | γ.,    | 108        | 7        | 1              | <b>X</b> | *** | 電   |      | 90<br>300 |          | 5        | 5        | .3                |
|          | . "          | 8        | Н        |        | _                                      | <u>.</u> | -   |             |          |        | -            | H          |      | -        | 58       |          |                | -        |          | - 1  |        | h           | 2<br>F 3   |          |            | 5     | Sign.  | 109        |          |                | 2        | 44  |     |      | #<br># #  |          | 5        |          | 4                 |
| 1        | 5°V          | 9        | 1        |        |  | -        | H   | Н           |          |        | H            | H          |      | Ŀ        | 59<br>60 |          |                |          |          |      | -      |             | 7.3        |          |            |       |        | 110        |          | 20             |          | 14  | 2   | 岩    | F.        |          | 薆        |          | 10                |
| <i>"</i> | ۽ ند<br>حولا | 10       | 1        | 2.5    |  | 3.7      | •   |             |          | \ · ·  |              | -          | 44   | -        | 61       | 11       |                |          | 1.1      | 1    | 1.4    | 200         | 4          | ž.       | 7          |       |        | 111        |          | 4              | -        |     |     | 片    |           |          |          | Ä,       | *                 |
|          | 7            | 11       | 11       | *      | 27.                                    | 70       |     |             |          | , 46,  | -            | -          |      | -        | 62       | 313      | -              |          | ₹.       | . 4  | 3      | e an<br>Ege | - 1        | 基格       | *          | À     | 魏      | 112        |          |                | ä        | H   | -   | 片    |           |          | į,       | 7        | *                 |
|          | A.           | 12       | 1        | 8      | v                                      | ₹<br>**  |     |             | Α,Υ      |        | -            | 3.00       | i,   |          | 63       |          | - 1            | ,<br>,   |          |      |        |             | 1.         |          | . 3        |       | - T    | 113        | 4        | ź              | 贡        |     |     | 片    |           |          |          |          | 7                 |
| d        | А.           | 13       | 1/2      | \$5    | * (* * * * * * * * * * * * * * * * * * | 8.       | . e | 30.         | 1.       | 7      | A4.          |            |      |          | 64       |          |                |          | 4        | 3.   | 416    | 2.4         |            | 4        |            |       | 22     | 77         |          | ä              | 2        | H   | 7   | 岗    | ñ         |          | Ħ        | Ī        | 髪                 |
| H        |              | 11.5     | 3 7      |        |  | 1.8      |     | 21          | 1        | **     | 18.47        | Y          | 123  | -        | 65       |          | 40             | .X       | *        | - 7  |        | 4.5         | *          |          | 漫          |       | 100    | 115        |          | 7              | ä        |     |     | Ħ    | ä         |          |          | 8        | 14                |
| S        |              | 15       | E 3      | 븕      | 躯                                      |          | 2   |             | **       | -      | -            | 450        | Ú,   | 1        | 66       | *        | gradi<br>Gradi | *        | X,       |      | *      |             |            |          |            |       |        | 116        |          | 7              |          |     | H   |      |           |          |          | 1        | 17                |
|          | <u> </u>     | 16<br>17 | H        |        |  |          | 2 C | 87.7        | 13-14    | e j.   | 毫            | 4          |      | 3        | 67       | 4        |                | 36       | žž.      | 2.4  | **     |             |            |          | 7          |       | Ř      | 177        |          |                |          |     | -   | 7    |           |          | S        |          | Ü.                |
| ۲        |              | 18       |          | 10V    |  |          | 题   | 284         | , a      | 3.5    | 1            | 21         | 3    | 10,7     | 68       | 1        | W.             | 7        | 1        | 36   | -      | 4           | 2          |          |            | , -   |        | 118        | Z.       | œ              |          |     |     |      |           | 67       |          | 1        |                   |
| 9        | <del>3</del> | ×        | 113      | 糖      | 8                                      |          | 5   | 多           | ***      | (Marie | **           | 77         | 7,0  | . 7      | 69       | 1        |                |          |          | 3    | -      | 7           | Ž,         | 4        | 7          | +     |        | 119        |          |                |          | Ť   |     | Ť    |           | 磁        | $\sim$   |          | 3                 |
| i        | <u></u>      | ×        | H        | -      | 50                                     | 4        |     | 200         | -        | E .    | 1            |            | 7122 | 4        | 70       | ž        | - 42°          |          | 2.5      | 424  | 2      | 4           |            | 囊        |            |       | G      | 20         |          |                |          |     |     | E    |           | 75       |          | 7        |                   |
|          |              | S        | Į į      | 2      | Ž.                                     | 3        | 4   |             |          |        | 1            |            | 1    | -        | 71       | 7.1      |                | 1        | 4.7      | , T. | *      | 200         | 33         | 4.5      | 12.5       | 120   | 35     | 121        | ž        |                | =        | -   |     |      | 급         | H        |          |          | b                 |
| 1        | 磨            | 21       | H        |        | 12                                     |          | Pa. | 30          |          | -      | 3            | 100        | 477  | -        | 72       |          | 4.0            |          | de i     |      |        | *           |            | *        | <b>યું</b> |       | - W    | 122        | # P      | =              |          | 묽   | H   | 20   |           | - 70     |          |          | 虚                 |
|          | <u></u>      | 22       | Щ        | 1      | 9                                      | 寒之       | 37  | Ř.          |          | -      | -            | -          | 1    | -        | 73       |          | P              | -        | 11.5     | v    | ¥.     | (d)         |            | 7        | 3          | 4.    | 70     | 123        | 4        | 70             |          |     |     |      |           |          |          |          |                   |
| ¥.       | 癸            | 83       | R.       | _      | 8.5                                    | -        |     | ا دو        | -        | -      | -            | ├          |      | 75.5     | 74       | 4.       | 27             | 3.4      | ~ ·      |      | -      | 12.         |            | <br>     | 1          | 4     | 77     | 124        | 1.0      | 4              |          |     |     |      | 董         |          |          | 2        | 4                 |
|          | ۳            |          | Yb,      | 1      | ŧą.                                    | 1.       |     |             | 1.       | -      | ┥╌           | 1          |      | -        | 75       | -        |                | -        | ,21      | 7    |        |             | - 1        | 4        | 3,7        | ÷,    |        | 125        | 7        | 2              | 1        |     |     |      |           | æ.       | B        | Σ        |                   |
|          | *            | 25<br>26 | Y        | 1      |  |          |     | - v<br>(+3) | -        | ├-     | +            |            |      | H        | 76       |          | 177            | 5        |          | H    |        | -62         |            |          | 7          | 4     | 33     | 126        |          | *              | *        | *   |     |      | 92        |          | 4        | E.       | ¥                 |
| 3        | 基            | 27       | 1        | 10.2   | 4.00                                   | 2.0      |     |             | -        |        | -            | $\vdash$   | 1    | -        | 77       |          | _              | Ė,       |          |      | - 1    |             |            |          | 4 35       | 3     | AL.    | 127        | į.       | *              | 71       | T.  | 7.0 |      | 65        | N        |          | 30       | 7                 |
| ¥.       | <b>M</b>     | 28       | 1.5      | 34.    |  | 27.5     |     |             | -        | ┢      | ÷            | ۴          |      | 1        | 78       | -        |                |          | Ė        |      |        |             | 1 2        | •        | 2,         |       | ·¥     | 128        |          |                | 2        | 3   |     |      |           |          | 2        | (2       | 4                 |
|          | 類            | 29       | 渔        | 30     | 7                                      |          | 1   | -           |          | -      | Ť            | +          |      | -        | 79       |          | Н              |          | _        |      |        | λ,**        |            |          |            | 333   | 7      | 129        | e.g      | Y.             | 3        | 秤   | 盘   |      | 1         | 爽        | 要        | 3        | 3                 |
|          | 100          | 30       | -        |        | 4                                      |          | -   | -           | 1        | 1      | 1            | 1          | 1    |          | 80       | 1        |                | ,        |          | 5.   |        | -           |            | ٠,       |            |       | ,n     | 130        | * #      | 3.4            |          | 3   | 9   | 4    | 22        | 2        | <b>3</b> | 認        | 3                 |
| al-      | 4            | 31       |          | -      | 7                                      |          |     |             |          | 1      | 1            | $\vdash$   |      |          | 81       |          | 7              |          |          | Т    |        | ,           | ž.         | 4        | 1          | ्र    | 774    | 131        |          | 9              | 57       | 32  | 3   | 鬼    | 93        | <b>E</b> | 13       | 3        | Ž                 |
|          | *            | 32       | ١.       | 7      | 47.7                                   | 1        |     | 1.          | $\vdash$ |        | 1            | 一          |      |          | 82       |          | <u> </u>       |          |          |      | 1      |             |            | 3        | 5-4        | 4.    |        | 132        | ***      | *              | 5        | 慧   | 13  |      |           | *        | <b>A</b> | 亳        | Ž                 |
| 3        | Q.           | 33       |          |        | 4                                      |          | Ė   |             | -        |        | 1            | -          | ١.   |          | 83       |          |                | Г        |          | -    |        | -           |            |          |            |       | 34     | 133        | 1        | 3              | *        | 34  | 3   | 應    | 1         | 32       | 報        | 37       | X                 |
| 13       | *            | 34       |          |        | -                                      |          |     | 1.          | T-       | 1.0    |              | 1.         | 1 :: |          | 84       | -        |                |          |          | Ι-   | Ι-     | . 1         |            | •        |            |       |        | 134        | 4        | v <sub>E</sub> | ٠,٠      | 13  | 8   |      |           | *        | 3        | *        | ×                 |
| Ś        | j            | 35       |          |        | ÷ 1.                                   | -        | Γ   | 1           | T -      | 1      | 1            | 1          | 1    |          | 85       |          |                |          | :        |      | Ŀ      | L           | 7          | Q,       |            | 7     | 1      | 135        | 1        | . 3            | *        | 13  |     | 3    |           | 100      | 1        | 雾        | 4.7               |
| 1        |              | 36       | T        |        |  |          |     | Г           | Г        | 1      | 1            | 1          | 1    |          | 86       |          |                |          |          | Π    |        | ٠,          |            | eşir.    | ¥.         | ( )   | [      | 136        | 94       |                | 40       | 14  | 100 |      | 7         | 1        | 3        | 25       | E                 |
| 3        |              | 37       | 7        | i in 1 |  | <u> </u> |     | 1.0         |          |        | . 3          | 1          | 1    |          | 87       |          | Г              | Ι-       | Γ        |      |        |             |            | 33.      | 911 90     | 11.0  |        | 137        | *        | 91             | <b>7</b> | 36  | 1   | 3    |           |          | 12       | *        | 1                 |
| Ϋ́       |              | 38       | 7        | 7      |  |          |     |             |          |        |              | Τ          | 1.   |          | 88       | 1.       |                | $\Gamma$ |          |      |        | بز          | _          |          |            | ै     |        | 138        | 35       | 1              | 2.72     | 规   | 1   |      | Ŀ         |          | 8        |          |                   |
|          |              | 39       | 1        | , 2    | 1.                                     | 4        |     |             |          | Т      | T            | 1          | 1.   | Г        | 89       |          |                |          |          |      | 1      |             |            |          |            | ٠.    |        | 139        | •        | 213            | 1        | 2   | 2   |      | 8         |          | N.       | 8        |                   |
| )        |              | 40       |          | 1      |  |          |     | 1           | Г        |        | 1            | Т          | 1    | Г        | 90       | ۷.,      | Г              |          |          | 4    |        | 3           |            |          |            |       | *      | 140        | *1       | . 3            | P\$      | 2   |     |      |           | Ŀ        |          | Ŀ        | ŀ                 |
|          | 77           | 41       | ١,       |        | -                                      |          | 1   |             | $\vdash$ | r.     | 7            | 1          | 1    |          | 91       |          |                | 1        | 7        |      |        |             | <u>.</u> • | 1        | 10         | 1     | 27     | 141        | X        | S.             |          | 3   | *   | 8    |           |          |          | 2        | ŀ                 |
|          | 1.4          | 42       | 1        | 1      |  | 1        |     |             | 1.5      | T      | T            | T          | 1    |          | 92       |          |                |          |          | ·    | 2.     | , ě         | 8          | 1        | 54         |       | 1      |            | 4777     | 辫              |          | 1   |     |      | 1         |          |          |          |                   |
| ΨŅ.      | 75           | 43       |          | T      | Т                                      | 1        | 1   | †           | 1.       | 1.     | T            | 1          | 1 .  |          | 93       | Г        | Γ              | 1        |          |      |        |             | Ŀ          | 7.7      |            | 3     | 34     | 143        | 150      | 1              | 1        | ß   |     |      |           |          |          |          | 1                 |
| 1        |              | 44       | -        | 1      | 1                                      | Γ        | 1.  | Т           | Τ        | Τ      | T            | Τ          | 1    |          | 94       |          |                |          | [,       |      |        |             |            |          |            |       |        | 144        | 1.4      | 7.5            | + 2      | . 4 | 4   |      | 1         | 1        | E.       | 2        | 4                 |
|          |              | 45       | 1        | 1      | ┰                                      | ✝        | Т   | ✝           | 1        | Т      | 1            | 1          | 1    |          | 95       |          |                |          |          |      |        |             |            |          | 1,4        |       | 匸      | 145        | 7:       | 77.            |          | 7   |     |      |           |          |          |          | I,                |
|          |              | 46       |          | T      | Г                                      | Π        | 1   | 1           | T        | T      | T            | T          | 1    |          | 96       |          |                |          |          |      | $\Box$ |             |            |          | Ŀ          | ] }   |        | 146        | Α,       | v <sup>2</sup> | 1        | N   |     |      |           | 1        |          |          |                   |
|          |              | 47       |          | Т      | Γ                                      | Τ        | Т   | Т           | T        | Τ      | Τ            | Т          | 1    |          | 97       |          | Γ              | $L^{-}$  |          |      | Ĺ      |             |            |          |            | J · ` |        | 147        |          | 7              | -        | 13  |     |      | 1         |          | L        | Š        | 15                |
|          | -            | 48       |          | T      | Γ                                      | T        | I   | Ι           |          | Γ      | Ι            | Ι          | ]    |          | 98       |          |                |          | L        |      | 匚      | ·           |            | L        |            |       |        | 148        |          |                | *        | ă.  |     |      |           |          | 1<br>1   | 1        |                   |
|          |              | 49       |          |        |  | Γ        | Ι   | I           | Γ        | Γ      | Ι            | Γ          | ]    |          | 99       |          |                | Ĺ        |          | L    |        |             | L          | L        | L          |       |        | 148        |          | -              | ~        |     | 4.2 | 8    | 138       | 4."      | 13       | 12       | ĮŞ.               |
|          | Г            | 50       |          |        | 1                                      |          |     | Π           |          | Г      |              |            | ]    |          | 10       |          |                | L        | 匚        | L    | L      | 1           | 乚          | L_       | L          | . (   | Ľ      | 150        | <u> </u> |                | 匚        | يا  |     | 13.  | 100       | 1.5      | 14       | 1        | 걕뜅                |

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If more than 150 claims or 10 actions staple additional sheet here

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